

PAT-NO: JP402245579A

DOCUMENT-IDENTIFIER: JP 02245579 A

TITLE: GASKET

PUBN-DATE: October 1, 1990

INVENTOR-INFORMATION:

NAME

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APPL-NO: JP01063723

APPL-DATE: March 17, 1989

INT-CL (IPC): F16J015/08

US-CL-CURRENT: 277/444, 277/FOR.246

ABSTRACT:

PURPOSE: To prevent corrosion due to gallium and indium in a molecular beam

epitaxy apparatus by coating a surface of a copper gasket with tantalum, titanium, tungsten, molybdenum or niobium.

CONSTITUTION: A coating film 2 of tantalum, titanium, tungsten, molybdenum or niobium is formed on a surface of a gasket 1 made of copper or silver or

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gold or aluminum. In applying the gasket 1 to a molecular beam epitaxy apparatus, any leak due to corrosion does not occur. Consequently, any equipment for replacing the gasket 1 is not necessary and a position for attaching a flange can be freely selected.

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